

XKEYSCORE Workflows

05 March 2009

DERIVED FROM: NSA/CSSM 1-52

DATED: 20070108

DECLASSIFY ON: 20320108

What is a workflow?



- Workflows automate queries.
 - One-time
 - Standing
- Every search type can be a workflow.
 - Same functionality and capability
- Follow on actions
 - Email alert
 - Download actions
 - Metadata summary

Who can submit a workflow?



- Anyone!
- One owner per workflow
 - Multiple-users can be notified
- If ownership needs to be changed, a ticket can be submitted to the team.
- Future: sharing workflows
 - Right now, only the owner has the results in their "My Results" view.

What can I do with a workflow?



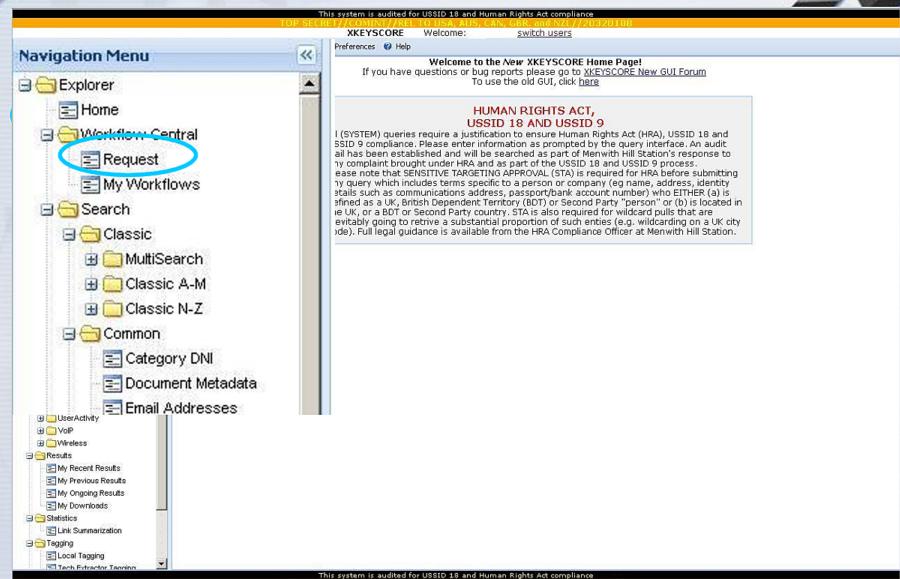
- Workflows can be configured to run once
- Workflows can be configured to run daily
 - Every 1, 2, 3, 4, 6, 8, 12 or 24 hours
 - You can set an offset to start running at a certain hour
- Download results
- Email results and email alerts
- MAILORDER results
- MySQL report

Why do I want a workflow?



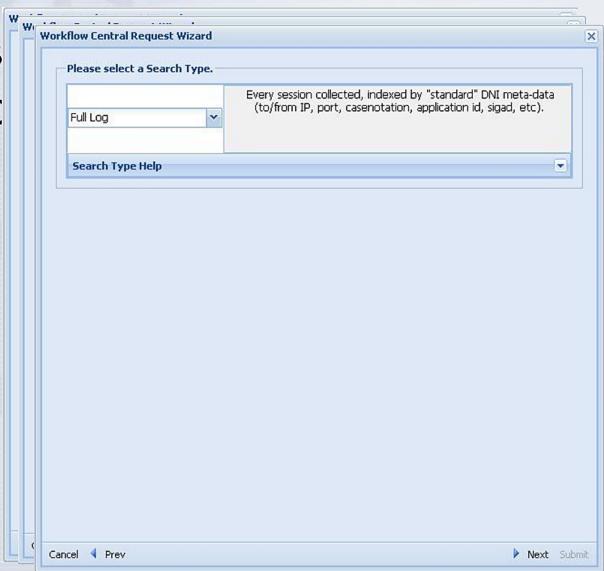
- XKEYSCORE has a rolling buffer of data
- Repetitive queries
- Sigdev purpose
 - Fingerprint and appid testing
- Queries take a long time during high times
- Follow on actions
 - Google Earth data
 - Statistics
 - Customizable write a script!





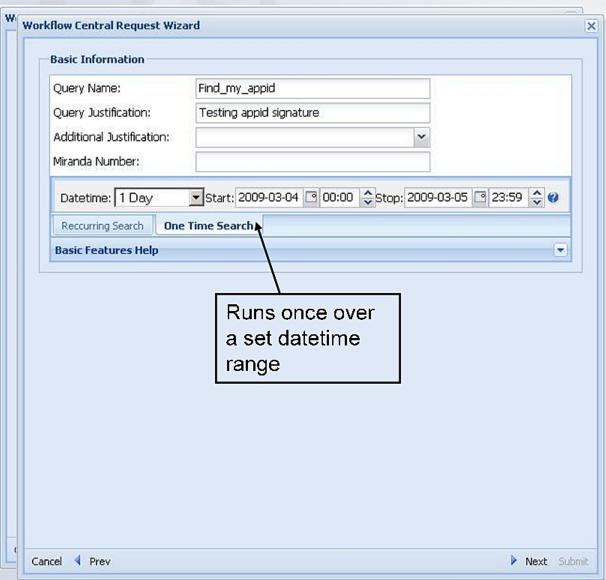


First, s workflc



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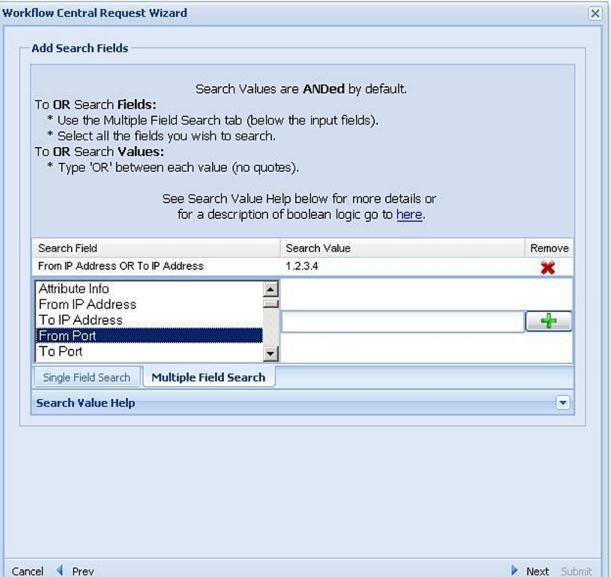
ring or one-

ist be unique per user must have a justification justifications



Selec searc

Select a field to search

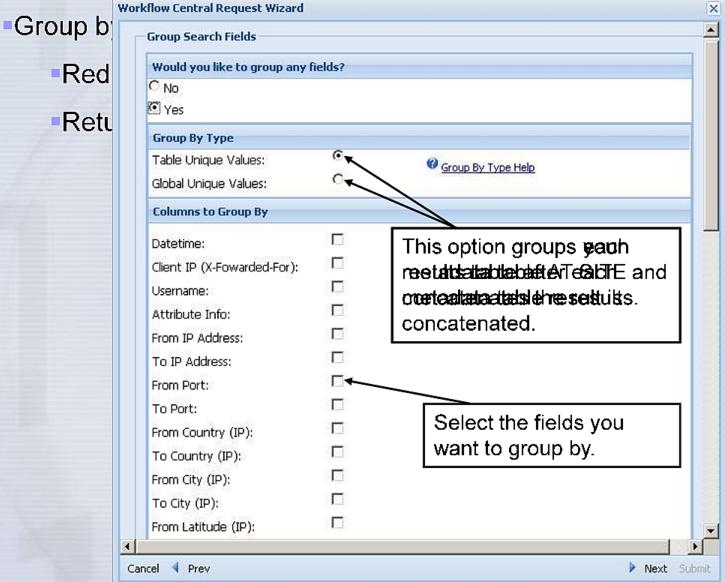


ant to

or every field, ou must select ie PLUS key

SECRET//COMINT//REL TO USA, AUS, CAN, GBR, NZL

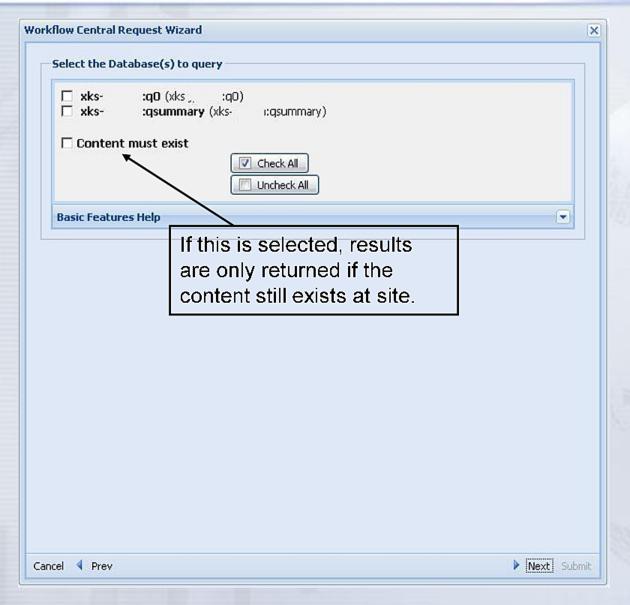
Group by option



ta results.

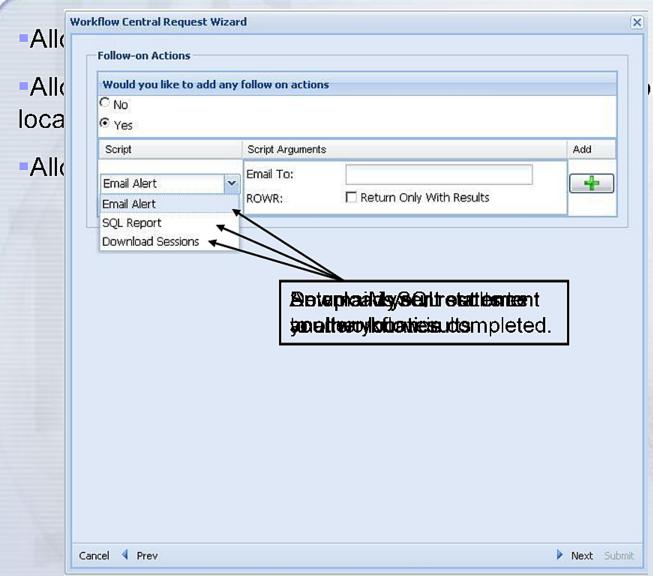
Select databases





Follow on Actions

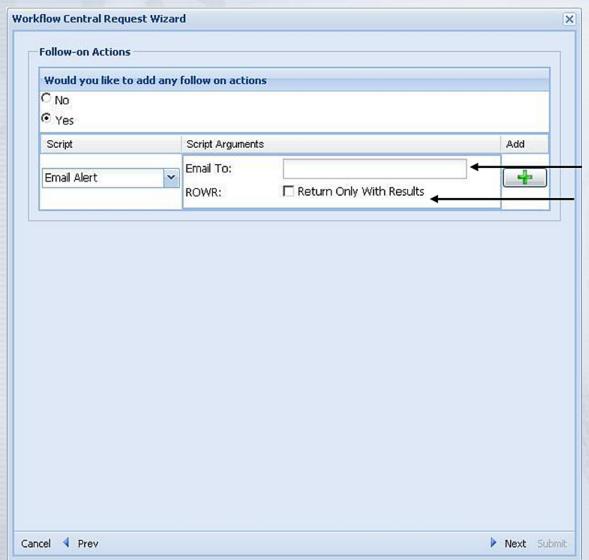




intent) to another

Email alert



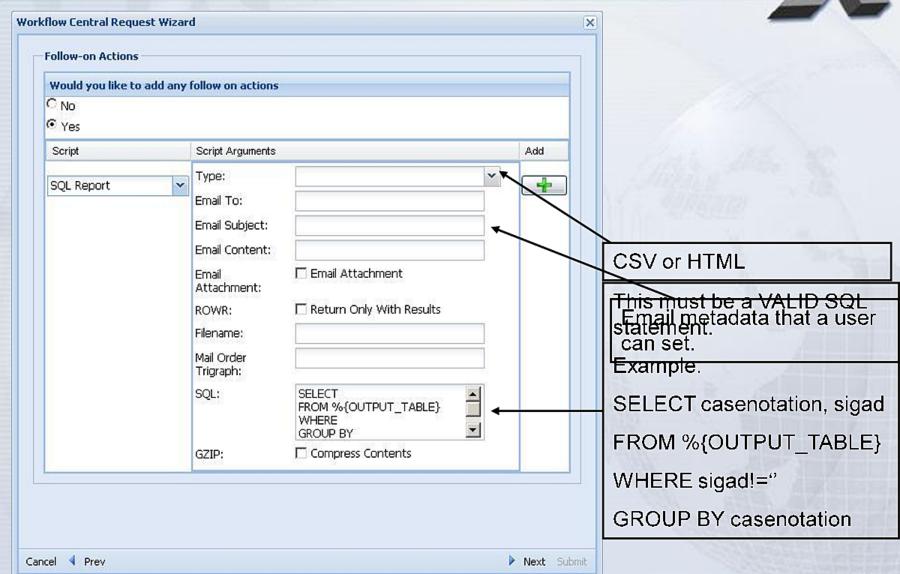


Comma delimited email addresses.

This option only sends an email if you workflow has results.

SQL report





Download Results



| Yes Script Script Arguments Add Download Sessions V Email To: Email Subject: |
|--|
| Download Sessions VErnail To: |
| Download Sessions Email To: |
| Email Content: ROWR: |

You're almost done!



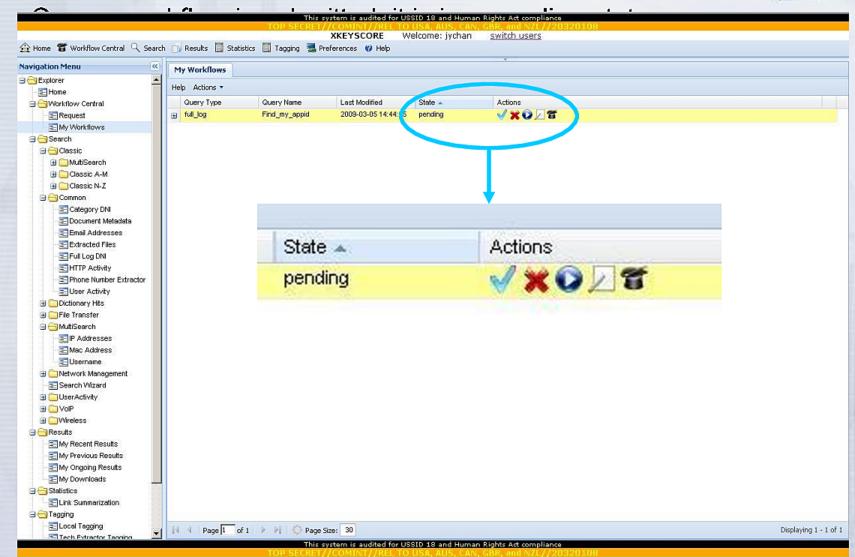


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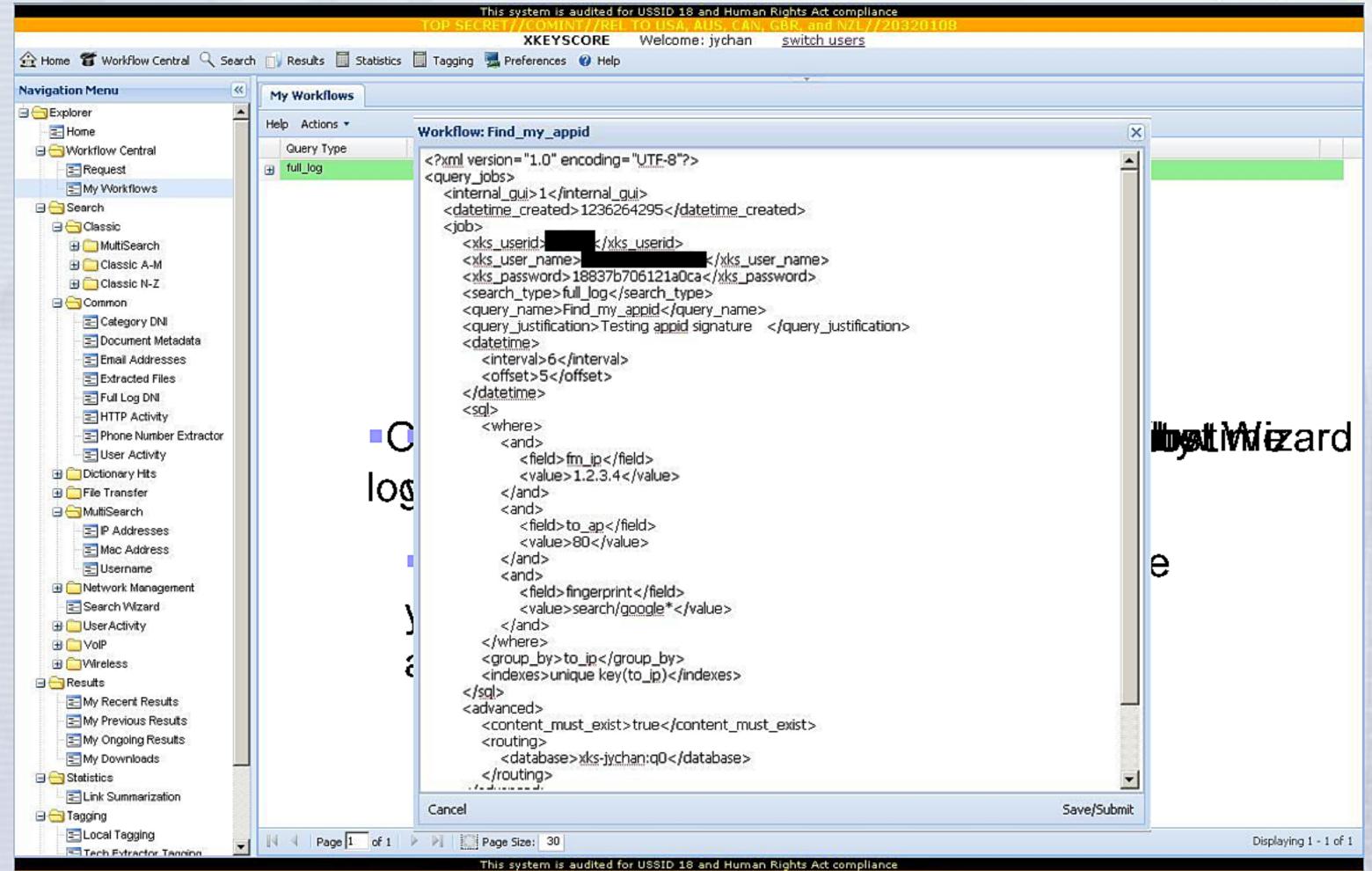
Workflow Pending





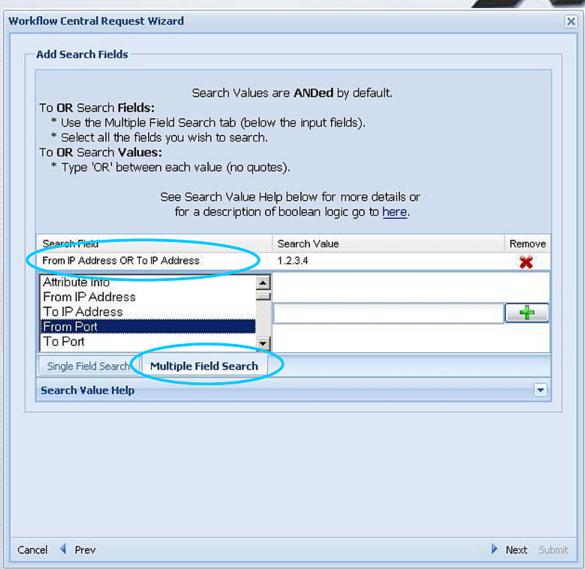
Workflow Approved





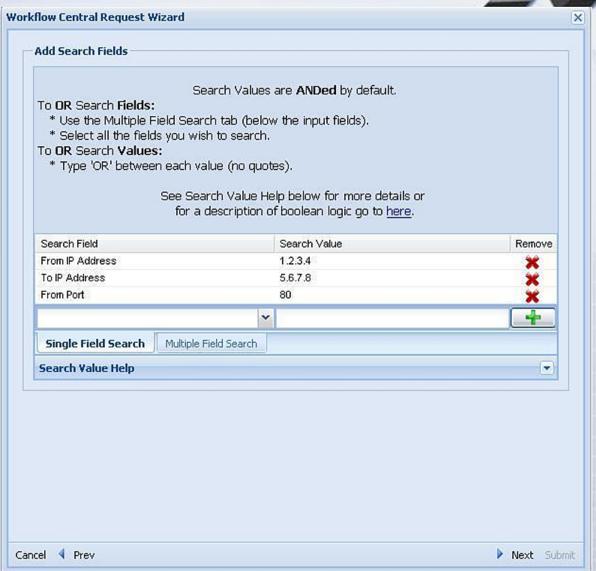
CIET SCORE

- From IP and To IP with the same value.
- In this view, terms are ANDed together.
- Use Multiple Field Search Tab.



CIETSCORE

- *Using the multiple field search does not break this up into 3 search<->value pairs.
- Enter each term separately in the singe fieldsearch.

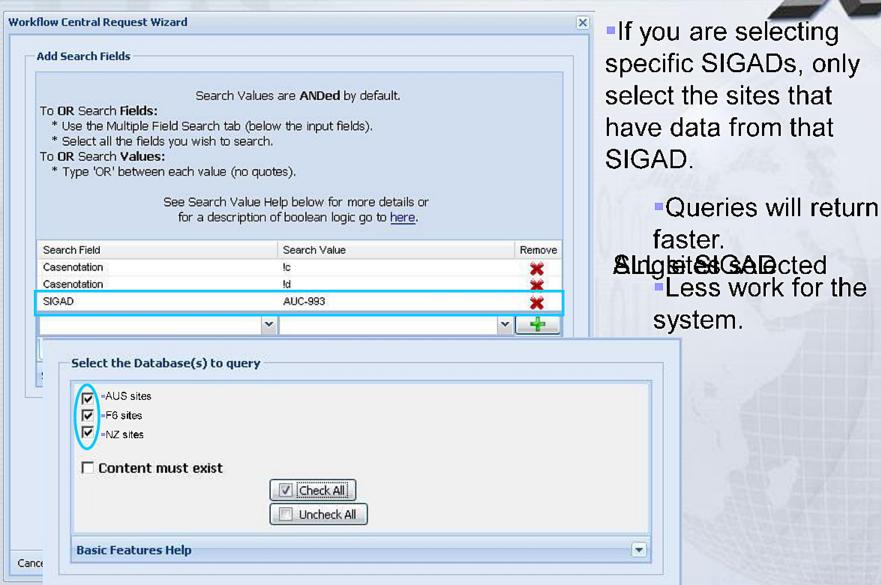


ELEXACORE

- This will return ALL casenotations.
 - a will be deafeted by "!a" but a does equal "!b"
- All the defeated values must be ANDed together.







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If you select the SQL Report option, make sure you put a valid SQL statement!

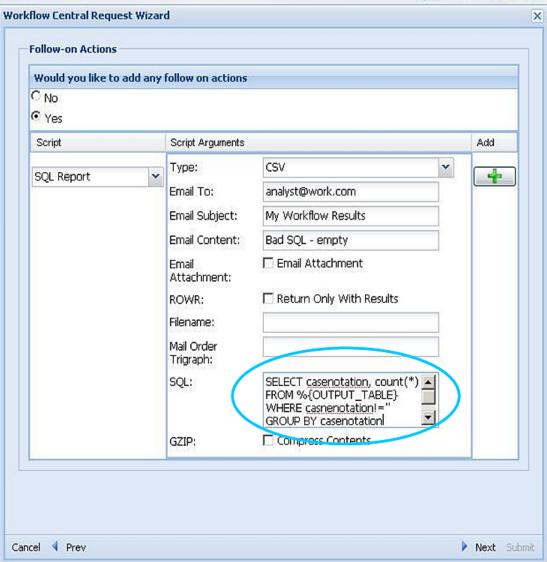
SQL statement filled in:

SELECT casenotation, courE(N)PTY

FROM (CUTPUT_TABLE)

WHERE casenotation!="

GROUP BY casenotation





Questions? xks_workflow@r1.r.nsa